Abstract of the Disclosure

An alloy type thermal fuse is provided in which, although a fuse element essentially comprising an In-Sn alloy is used, the operation stability to a heat cycle can be satisfactorily assured, and, even when the amount of In is large, a process of drawing to the fuse element at a high yield can be ensured, and which has an operating temperature belonging to the range of 120 to 150°C.

The fuse element has an alloy composition in which 0.1 to 7 weight parts of one, or two or more metals selected from the group consisting of Ag, Au, Cu, Ni, Pd, Pt, and Sb are added to 100 weight parts of an alloy of 52 to 85% In and a balance Sn.